

## EXTRA DRAINROCK TRENCH

Description. A standard trench with more than six (6) inches of aggregate under the perforated pipe.

Conditions for Approval.

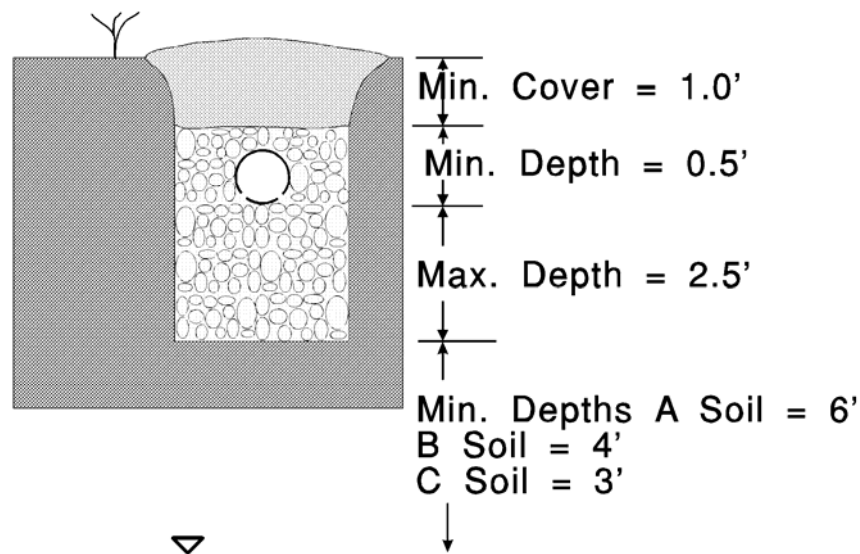
1. The site must meet the general requirements for a standard system.
2. The bottom of the trench may not be deeper than 4 feet below the surface.

General Requirements. The standard trench length is reduced to the percentage shown in the Table:

Percentage of Length of a Standard Trench

Depth of gravel below the pipe (inches)	12"	Width 18"	of 24"	Trench 30"	36"
12"	75%	78%	80%	82%	83%
18"	60%	64%	66%	69%	71%
24"	50%	54%	57%	60%	62%
30"	43%	47%	50%	53%	55%

Example: A three bedroom home is to be located on a small lot. The effective soil is a uniform silt loam with a normal high groundwater at 7 feet. From Table 5 the minimum distance from trench bottom to groundwater is three feet. Maximum depth of the trenches is 4 feet.



The total absorption area required for a three bedroom home with silt loam soil is 500 ft<sup>2</sup> (250 g/dwelling/0.5 g/ft<sup>2</sup>/day). That is 167 linear feet of 3 feet wide trench. With 2.5 feet (30 inches) of aggregate under the pipe the reduced trench length would be 92 feet (167 feet x .55).